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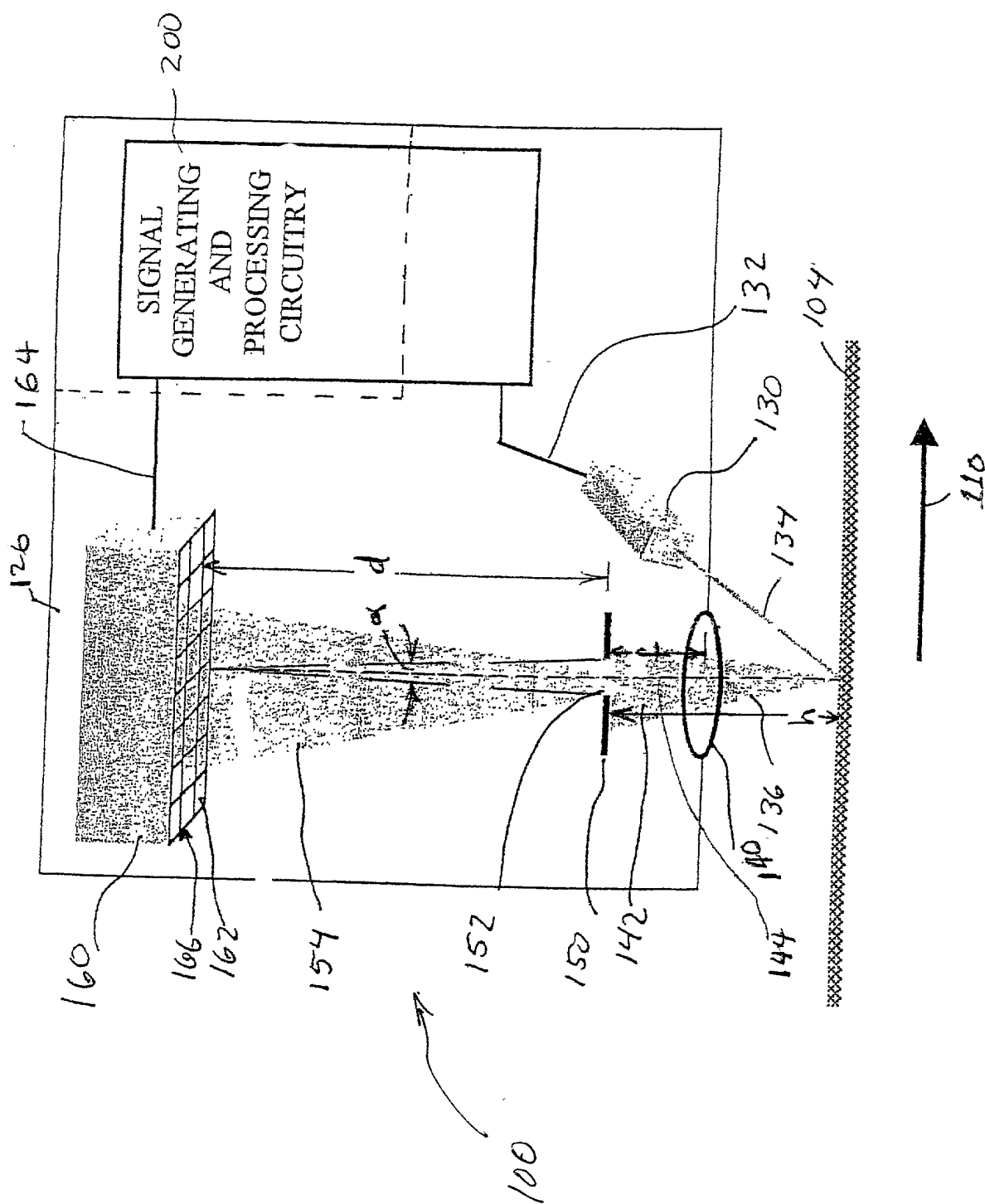


FIG. 1

Y= Multiplicative Correlation Function Value  
(arbitrary units)

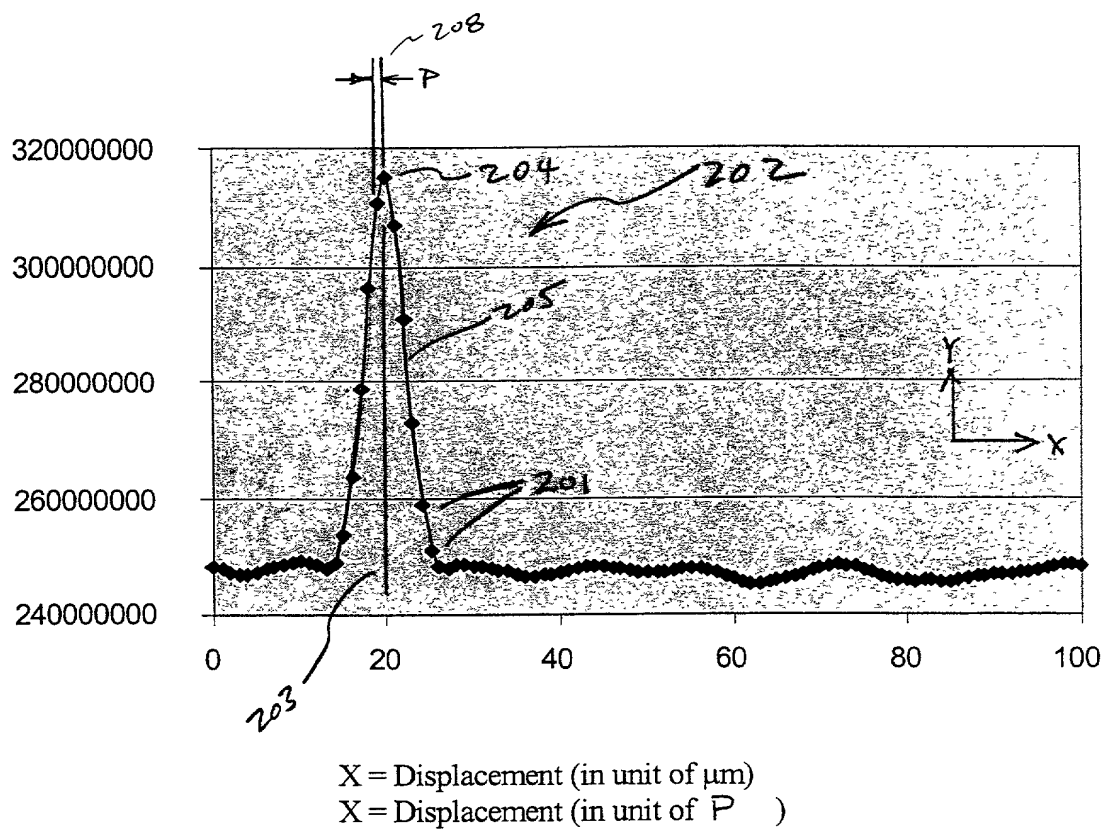
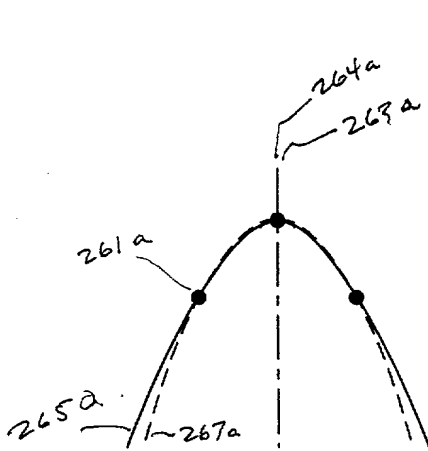
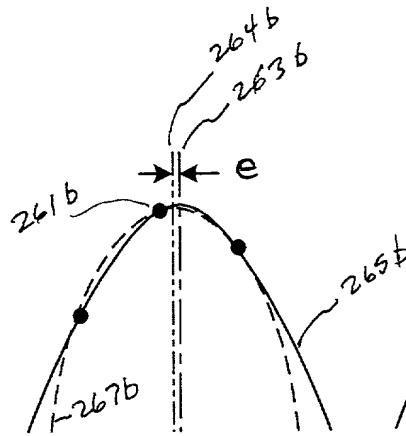


Fig. 2



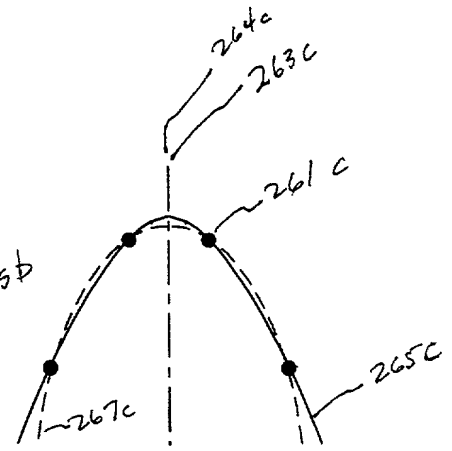
$nP$

Fig. 3



$(n+.25)P$

Fig. 4



$(n+.5)P$

Fig. 5

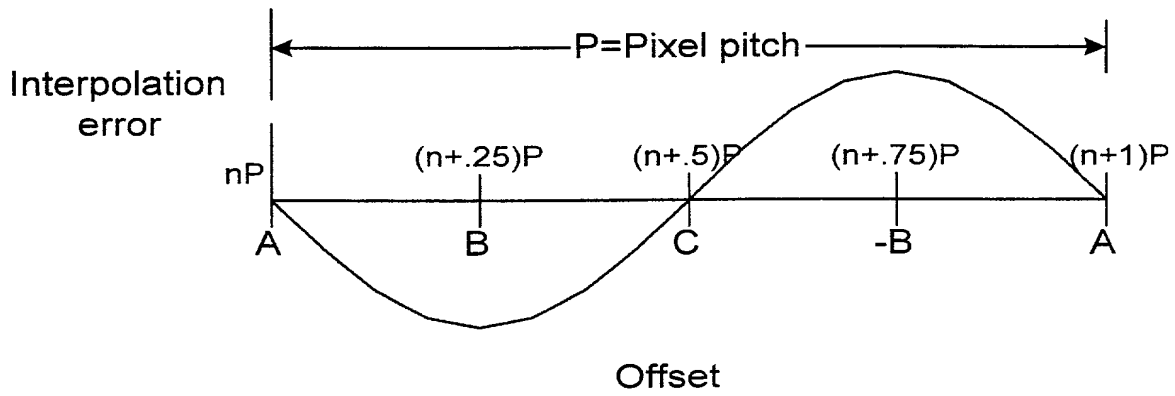


Fig. 6

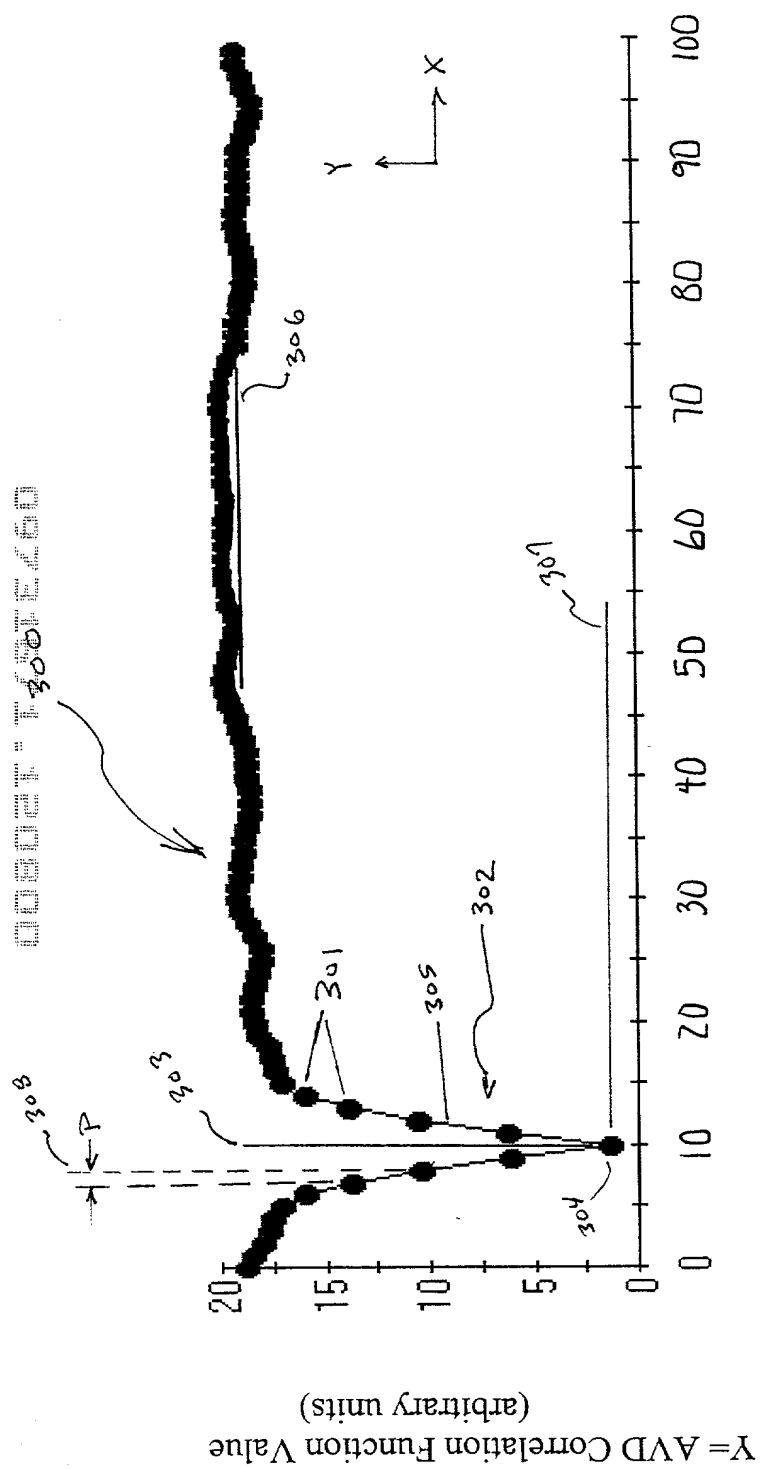


Fig. 7

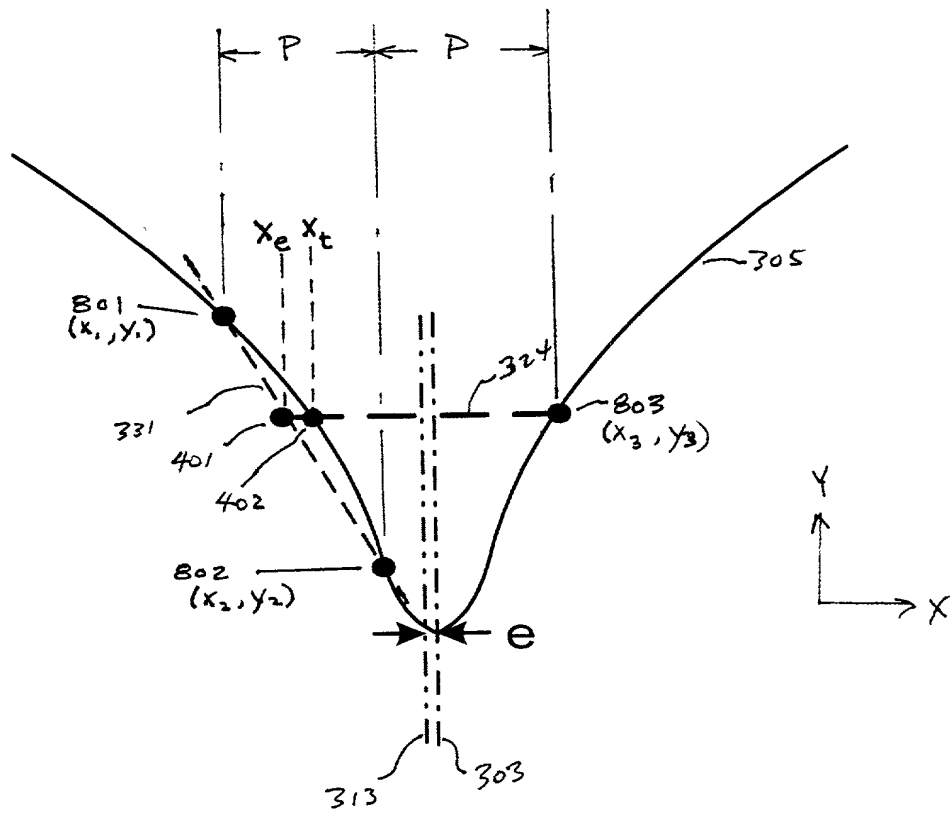


Fig. 8

000001-1297600

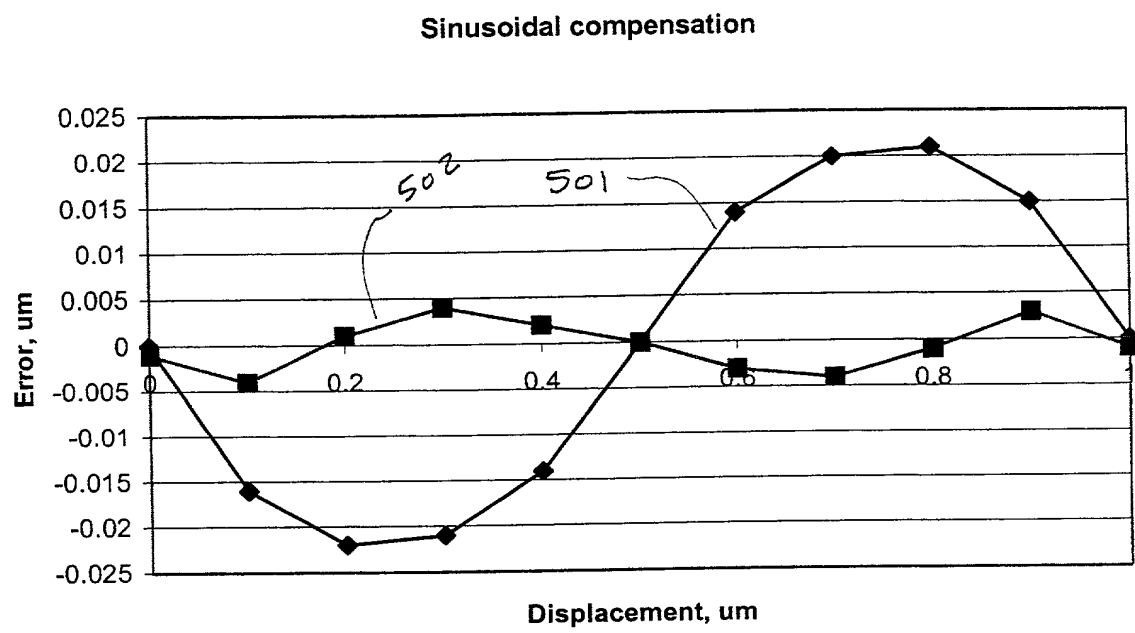


Fig. 9

```

graph TD
    S100([START]) --> S110[Input correlation function value points "CFVP's"]
    S110 --> S120[Identify CFVP having most extreme value - CFVPtip]
    S120 --> S130[Identify CFVP members in subsetL and subsetR]
    S130 --> S140[Identify whether CFVPtip lies on left or right side of correlation function extremum (member of subsetL or subsetR)]
    S140 --> S150[Select a CFVP - CFVPkey, whose symmetrically opposing data point is to be estimated]
    S150 --> S160[Estimate key characteristics of the correlation function in vicinity of y-coordinate of CFVPkey]
    S160 --> S170[Based on information from the previous step, estimate x-coordinate Xe of a correlation function point symmetrically opposite CFVPkey, at y-coordinate of CFVPkey]
    S170 --> S180[Estimate the peak offset value as the midpoint between the x-coordinate of CFVPkey and Xe]
    S180 --> S190[Convert peak offset value in pixels to displacement, based on predetermined design factors]
    S190 --> S200[Output peak offset or displacement]
    S200 --> S210([STOP])
  
```

Fig. 10

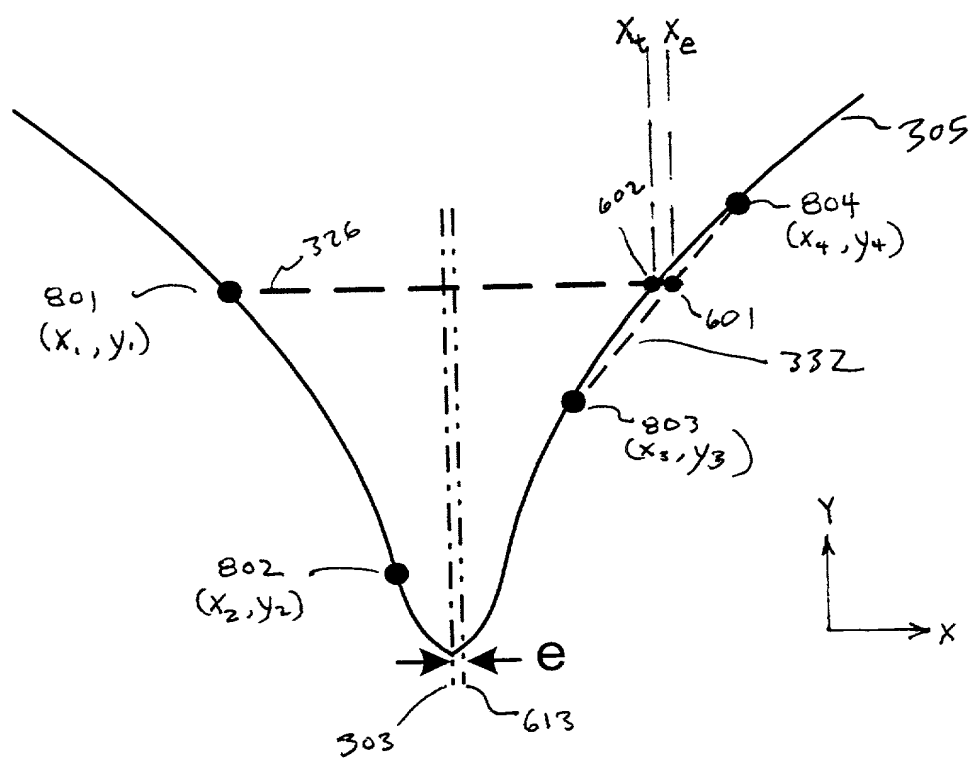
[illegible]

Fig. 11

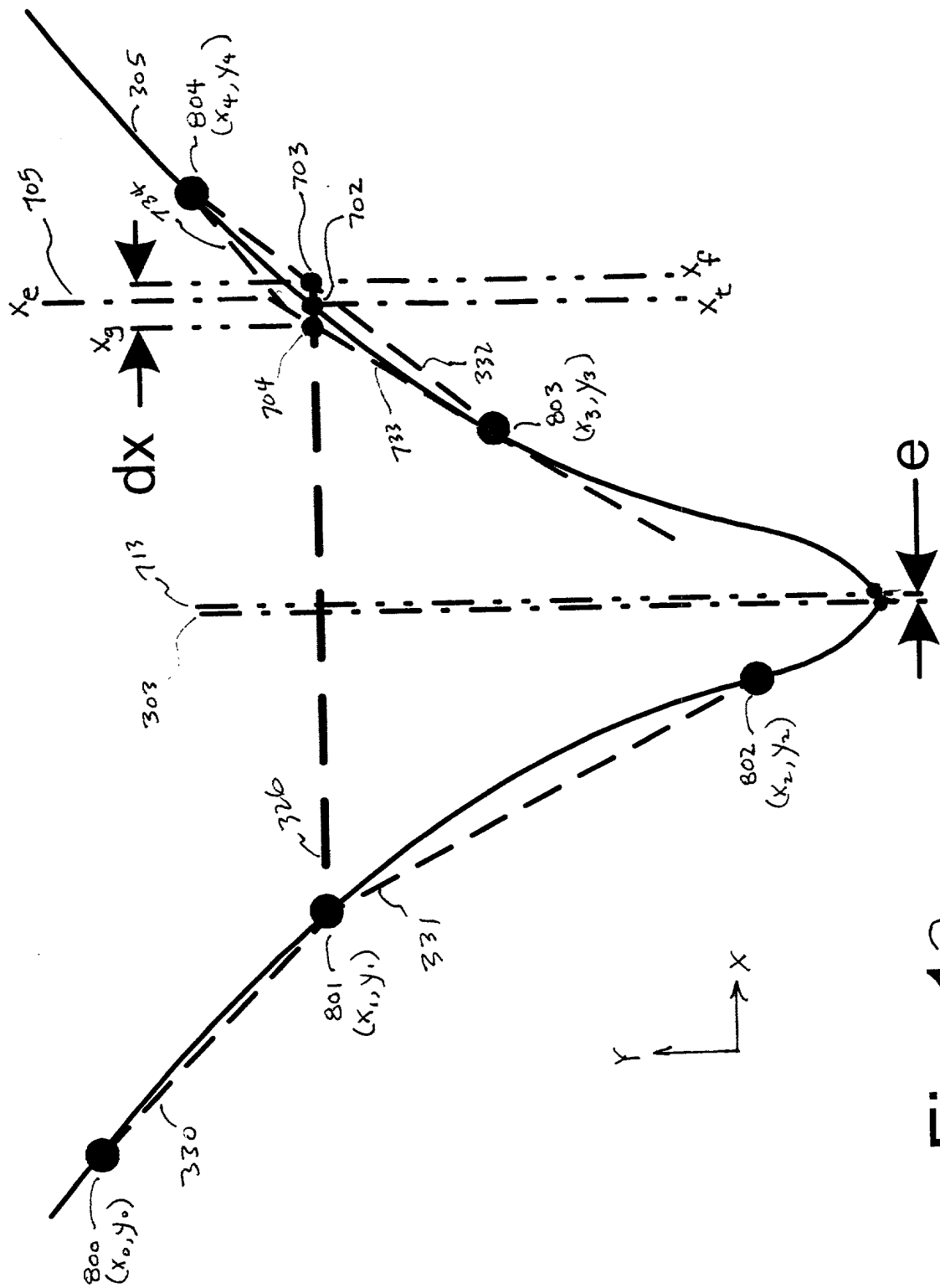
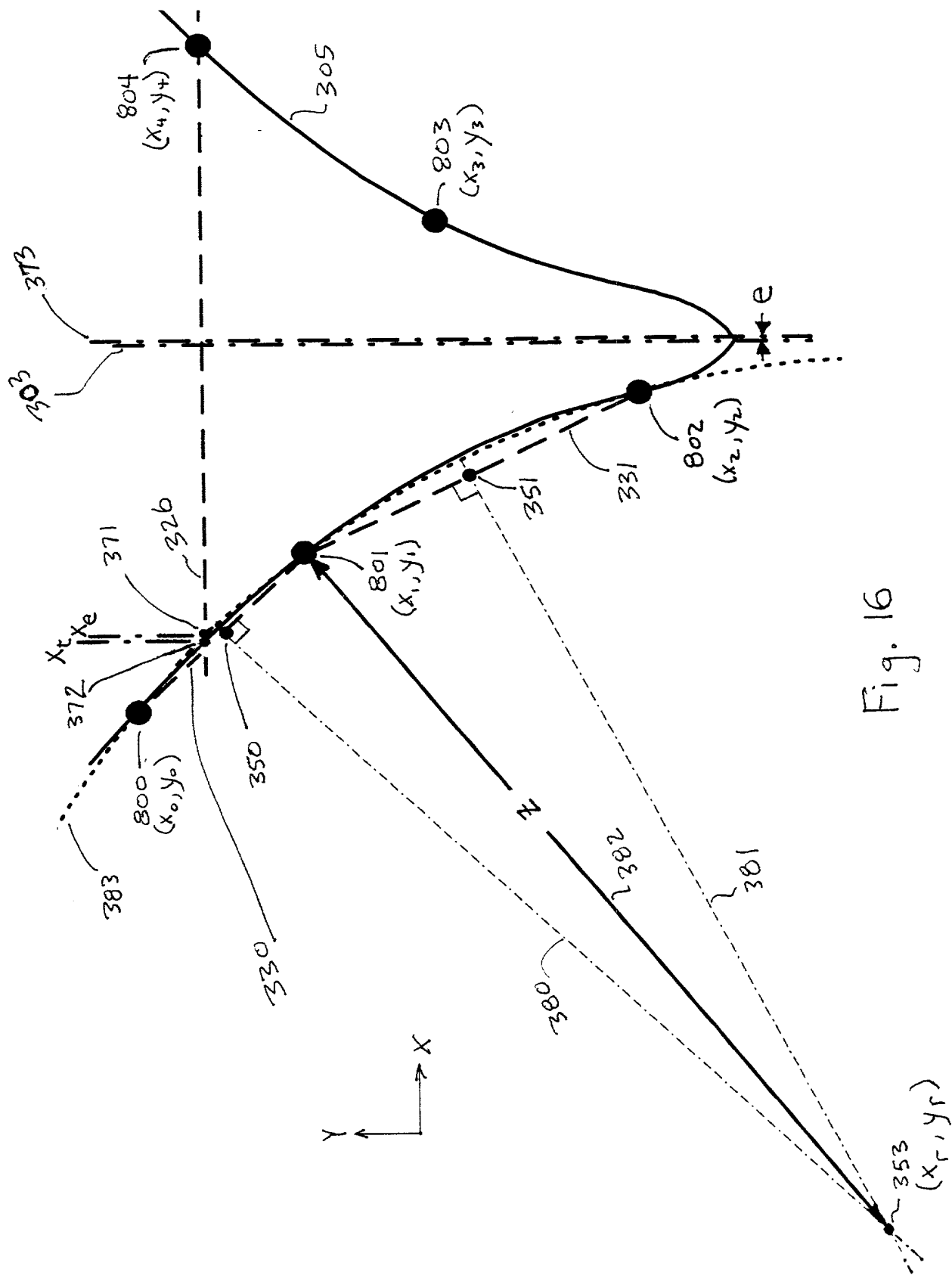


Fig. 12

Fig. 13





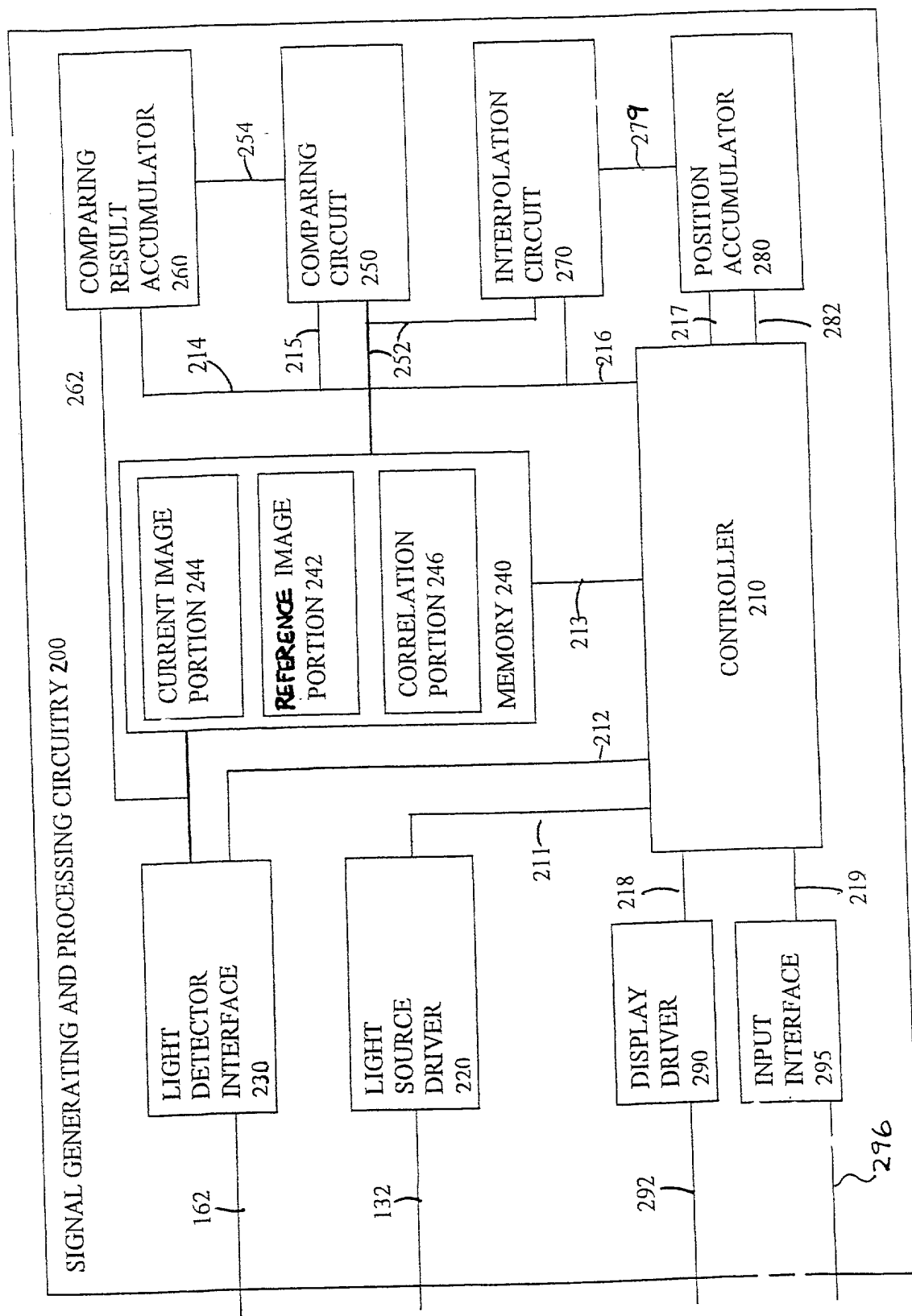


FIG. 17

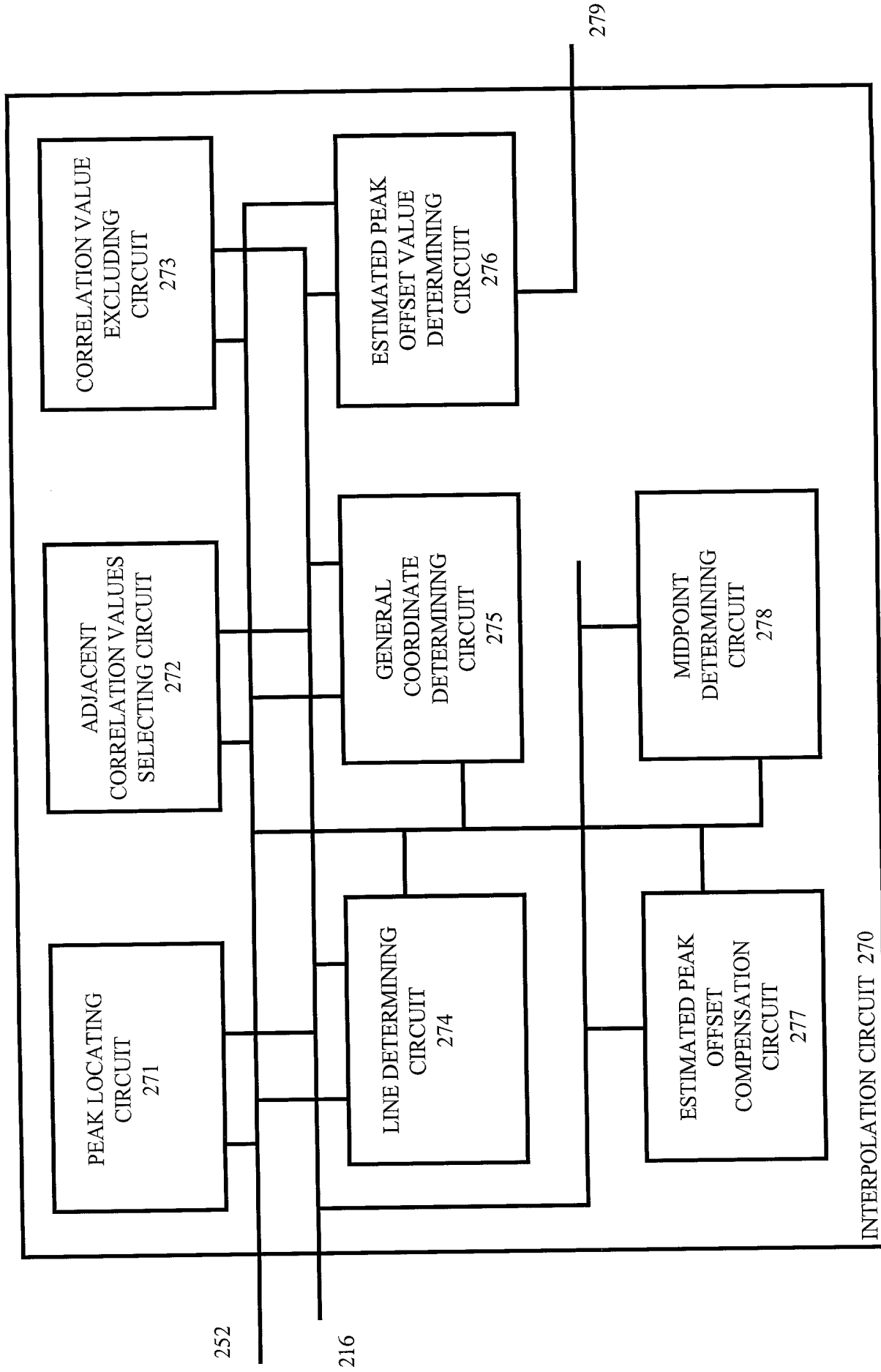


FIG. 18

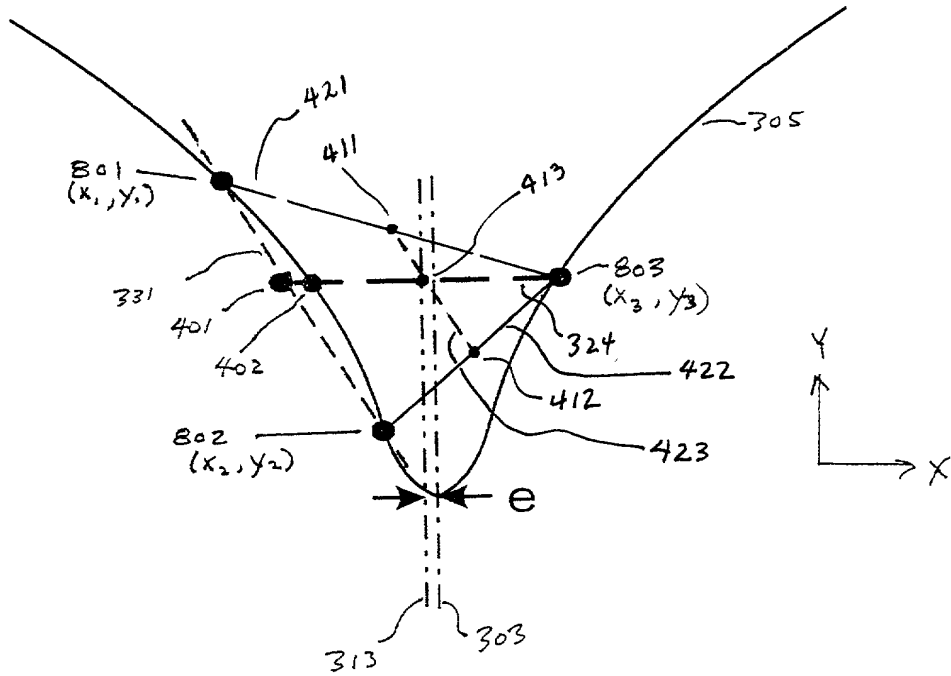


Fig. 19

